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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 16

Complete If Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq et al.
Group Art Unit	4645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
C90	283	09/441,140		Solomon et al.	11-18-1999	
	242	60/168,594		Chalifour et al.	N/A	
	282	60/169,687		Chain	N/A	
	295	60/184,601		Holtzman et al.	N/A	
	289	60/186,295		Rasmussen et al.	N/A	
	296	60/254,465		Holtzman et al.	N/A	
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	17	5,678,348		Nesburn et al.	10-21-1997	

Examiner Signature	<i>G. Nichols</i>	Date Considered	12/27/04
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Sheet

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16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	4645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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	46	EP	561 087	B1		08-04-1999		
	47	EP	526 511	B1		05-28-1997		
	48	EP	508 785	B1		03-15-2000		

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Signature

G. Nichols

Date
Considered

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Sheet

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

49	EP	451 700	A1	10-18-1991	
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Sheet

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq et al.
Group Art Unit	1845 1647
Examiner Name	N. C. H. C. S.
Attorney Docket Number	ELN-002

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92	GB	2 220 211	A	01-04-1990
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Examiner
Signature

G. H. S.

Date
Considered

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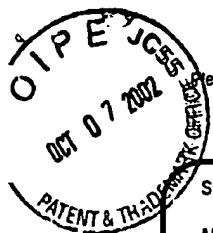
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 16

Complete if Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Guriq, Basi et al.
Group Art Unit	1645-1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
[Signature]	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?," <u>Neurology</u> , 45:1441-1445 (1995).	<input type="checkbox"/>
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <u>The Boston Globe</u> (4/13/95).	<input type="checkbox"/>
	176	BARD et al., "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <u>Nature Medicine</u> , 6(8):916-919 (2000).	<input type="checkbox"/>
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <u>J. Mol.Biol.</u> , 225(4): 1075-1093 (1992).	<input type="checkbox"/>
	96	BAUER et al., "Interleukin-6 and α -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <u>FEBS Letters</u> , 285(1):111-114 (1991).	<input type="checkbox"/>
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," Reuters, April 20, 2001 7:56 PM ET.	<input type="checkbox"/>
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <u>Eur. J. Immunol.</u> , 29:345-354 (1999).	<input type="checkbox"/>
	212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," <u>Soc. for Neuroscience Abstracts</u> 18:764 (1992).	<input type="checkbox"/>
	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," <u>New England J. Medicine</u> , 341(22):1694 (1999).	<input type="checkbox"/>
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	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," <u>Neuron</u> , 19: 939-945 (1997).	<input type="checkbox"/>
	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <u>Cur. Opin. Genet. Develop.</u> , 3: 102-109 (1993).	<input type="checkbox"/>
	101	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717 : Val->Ile) in 85 cases of early onset Alzheimer's disease," <u>J. Neurology, Neurosurg. Psychiatry</u> , 56:112-115 (1993).	<input type="checkbox"/>
	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <u>Clin. Neuropharm.</u> , 15:414A-414B (1992).	<input type="checkbox"/>
	224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products), web site contents found at : http://www.fda.gov/cber/vaccine/thimerosal.htm , last updated May 18, 2002.	<input type="checkbox"/>

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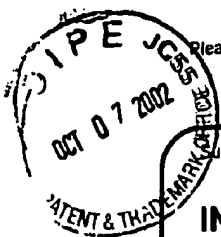
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Sheet 6 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig <i>et al.</i>
Group Art Unit	1645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

102	CHAO et al., "Transforming Growth Factor- β Protects human Neurons Against β -Amyloid-Induced Injury," <u>Soc. Neurosci. Abstracts</u> , 19:513.7 (1993).	<input type="checkbox"/>
266	CHAPMAN, PAUL F., "Model behavior," <u>Nature</u> , 408:915-916 (2000).	<input type="checkbox"/>
222	Chemical Abstract database, Abstract of "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals," Chemical Abstract database. (Publication date unknown.)	<input type="checkbox"/>
213	CHEN et al. "An Antibody to β Amyloid Precursor Protein Inhibits Cell-substratum Adhesion in Many Mammalian Cell Types," <u>Neuroscience Letters</u> 125:223-226 (1991).	<input type="checkbox"/>
302	CHUNG et al. "Uptake, Degradation, and Release of Fibrillar and Soluble Forms of Alzheimer's Amyloid β -Peptide by Microglial Cells," <u>J. Biol. Chem.</u> , 274(45):32301-32308 (1999).	<input type="checkbox"/>
291	COLOMA et al., "Transport Across the Primate Blood-Brain Barrier of a Genetically Engineered Chimeric Monoclonal Antibody to the Human Insulin Receptor," <u>Pharm. Res.</u> , 17:266-274 (2000).	<input type="checkbox"/>
286	CORDELL, B., " β -Amyloid formation as a potential therapeutic target for Alzheimer's disease," <u>Ann. Rev. Pharmacol. Toxicol.</u> , 34:69-89 (1994).	<input type="checkbox"/>
287	COSTA et al., "Immunoassay for transthyretin variants associated with amyloid neuropathy," <u>Scand. J. Immunol.</u> , 38:177-182 (1993).	<input type="checkbox"/>
293	DALY, et al., "Detection of the membrane-retained carboxy-terminal tail containing polypeptides of the amyloid precursor protein in tissue from Alzheimer's Disease brain," <u>Life Sci.</u> , 63:2121-2131 (1998).	<input type="checkbox"/>
214	DEMATOS et al., "Peripheral Anti A β Antibody Alters CNS And Plasma A β Clearance and Decreases Brain A β Burden in a Mouse Model of Alzheimer's Disease," <u>Proc. Natl. Acad. Sci. USA</u> , 10.1073/pnas.151261398 (2001).	<input type="checkbox"/>
220	Dialog/Depwent, Abstract of WPI Acc No: 1997-064496/199798. Stable vaccine compns. comprise a measles virus lactone, a milbomycin, an avicomedin, an antigen, a dispersing agent, an adjuvant, a water sol. organic solvent and saline or water. Depwent File 0644-Depwent WPI database. (Publication date unknown.)	<input type="checkbox"/>
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288	DUMERY et al., " β -Amyloid protein aggregation: its implication in the physiopathology of Alzheimer's disease," <u>Pathol. Biol.</u> , 49:72-85 (2001).	<input type="checkbox"/>
225	Elan, "Elan and AHP Provide an Update on the Phase 2A Clinical Trial of AN-1792," Press Release. (1/28/2002).	<input type="checkbox"/>
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104	ELIZAN et al., "Antineurofilament antibodies in a postencephalitic and idiopathic Parkinson's disease," <u>J. Neurol. Sciences</u> , 59:341-347 (1983).	<input type="checkbox"/>
289	ESIRI, "Is an effective immune intervention for Alzheimer's disease in prospect?," <u>Trends in Pharm. Sci.</u> , 22:2-3 (2001).	<input type="checkbox"/>

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G. Nichols

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig <i>et al.</i>
Group Art Unit	4645-1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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Application Number 10/010942
Filing Date December 6, 2001
First Named Inventor Basi, Guriq *et al.*
Group Art Unit 4646 1647
Examiner Name NICHOLS
Attorney Docket Number ELN-002

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Group Art Unit	1645-1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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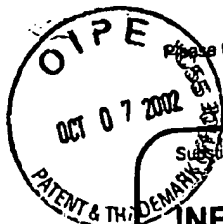
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

10

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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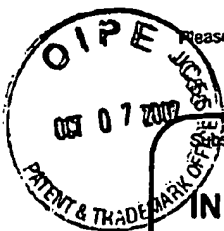
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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	4645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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Sheet 12 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig <i>et al.</i>
Group Art Unit	4645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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G. Nichols

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Sheet 13 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig <i>et al.</i>
Group Art Unit	7845 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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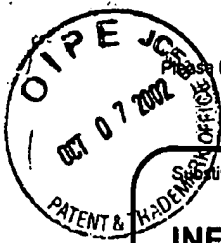
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Sheet 14 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq et al.
Group Art Unit	1645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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**INFORMATION DISCLOSURE
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Sheet 15 of 16

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig <i>et al.</i>
Group Art Unit	1645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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	A5	Morgan D, et al. A beta peptide vaccination prevents memory loss in an animal model of Alzheimer's disease. Nature. 2000 Dec 21;28;408(6815):982-5
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	A8	Sigurdsson EM, et al. In vivo reversal of amyloid-beta lesions in rat brain. J Neuropathol Exp Neurol. 2000 Jan;58(1):11-17
	A9	Sinha S, et al. Recent advances in the understanding of the processing of APP to beta amyloid peptide. Ann N Y Acad Sci. 2000;920:206-8
✓	A10	Soto C, et al. Beta-sheet breaker peptides inhibit fibrillogenesis in a rat brain model of amyloidosis: implications for Alzheimer's therapy. Nat Med. 1998 Jul;4(7):822-6
CD	A11	Vehmas AK, et al. beta-Amyloid peptide vaccination results in marked changes in serum and brain Abeta levels in APPsw/PS1DeltaE9 mice, as detected by SELDI-TOF-based ProteinChip® technology. DNA Cell Biol. 2001 Nov;20(11):713-21

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		Number	Kind Code ² (if known)			
CD	A12	5,593,848		Schenk et al.	01-14-1997	
CD	A13	5,837,872		Schenk et al.	11-17-1998	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
CD	A14		WO 00/72876	A2, A3		12-07-2000		
CD	A15		WO 00/72880	A2, A3		12-07-2000		

Examiner Signature		Date Considered	12/27/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 16 of 16

Complete If Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq <i>et al.</i>
Group Art Unit	1845 <i>1647</i>
Examiner Name	<i>Nichols</i>
Attorney Docket Number	ELN-002

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<i>CSO</i>	B1	Du Y, et al. Reduced levels of amyloid beta-peptide antibody in Alzheimer disease. Neurology. 2001 Sep 11;57(5):801-5.
<i>CSO</i>	B2	Small DH, et al. Alzheimer's disease and Abeta toxicity: from top to bottom. Nat Rev Neurosci. 2001 Aug;2(8):595-8

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<i>CSO</i>	B3	US 2001/0102261	A1	Raso	08-01-2002	
<i>CSO</i>	B4	US 2002/0138718	A1	Raso	09-26-2002	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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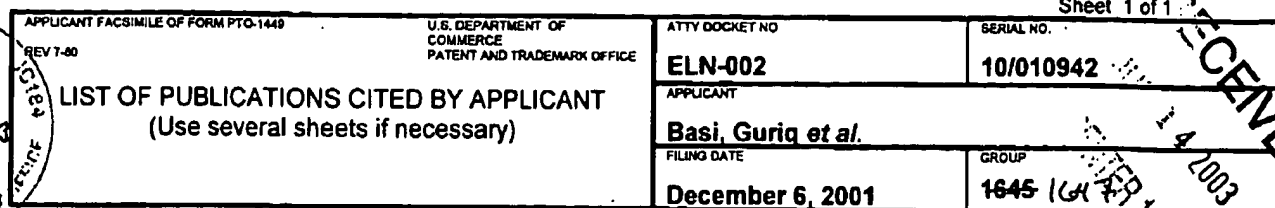
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>CSO</i>	B6	09/724,842		Chalifour et al.	N/A	

Examiner Signature	<i>G. Nichols</i>	Date Considered	12/27/04
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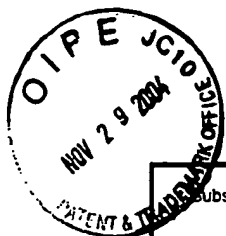


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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
⑤	B1	JP 7-165799	06/95	Japan			Abstract Only	
↓	B2	WO 00/23082 A1	04/00	WO				
↓	B3	WO 00/72880 A2,A3	05/00	WO				
↓	B4	WO 02/088306 A2	11/02	WO				
⑤	B5	WO 02/088307 A2	11/02	WO				

[illegible]

Examiner <i>G. Mills</i>	Date Considered <i>12/27/04</i>
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/010,942
				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	1	of	21	Attorney Docket Number	ELN-002

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CS	306	6,417,178 B1	07-09-2002	Klunk, et al.	

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Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
CS	324	WO 00/72870 A1	12-07-2000	Neuralab Ltd.		
CS	331	WO 99/06545	11-02-1999	Max Planck Gesellschaft		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CS	327	Cameron. "Recent Advances in Transgenic Technology," <i>Molecular Biotechnology</i> . 1997; 7:253-65.	
	328	Feldstein, et al. "Transgenic Rat and In-Vitro Studies of B-Amyloid Precursor Protein Processing." <i>Alzheimer's and Parkinson's Diseases</i> . 1995; Hanin, et al. Ed., pp 401-9, Plenum Press, New York.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT




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Complete if Known




Application Number	10/010,942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	ELN-002

Sheet	2	of	21
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	340	2002/0162129 A1	10-31-2002	Lannfelt	
	342	2002/0009445 A1	01-24-2002	Du, <i>et al.</i>	
	345	2002/0077288 A1	06-21-2001	Frangione	
	346	5,935,927	08-10-1999	Vitek, <i>et al.</i>	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	341	WO 02/03911 A2	01-17-2002	Lannfelt, L.		
	343	EP 1172378 A1	01-16-2002	Dodel, Dr. R., et al.		
	344	WO 01/90182 A2	11-29-2001	University of New York		

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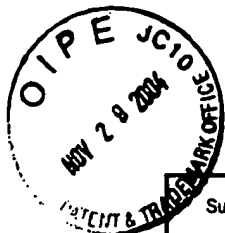
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MS	335	Masliah, <i>et al.</i> "β-Amyloid peptides enhance α-synuclein accumulation and neuronal deficits in a transgenic mouse model linking Alzheimer's disease and Parkinson's disease." <i>PNAS</i> . 2001; 98(21):12245-50.	—
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Sheet	3	of	21	Attorney Docket Number	ELN-002
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Complete if Known

Application Number	10/010,942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	ELN-002

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CS	353	5,824,322	10-20-1998	Balasubramanian	
CS	356	5,622,701	04-22-1997	Berg	
CS	357	5,776,468 B1	07-07-1998	Hauser, et al.	
CS	358	5,583,112 B2	12-10-1996	Kensil, et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
CS	348	WO 01/77167 A2	10-18-2001	Univ Tennessee Res Corp		
CS	351	WO 02/34878 A2	05-02-2002	Yeda Resrsvh & Development Co. Ltd.		
CS	352	WO 02/34777 A1	05-02-2002	Chiesi Farma SPA		

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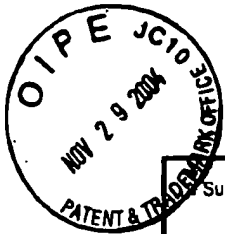
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CS	347	Jorbeck, et al. "Artificial <i>Salmonella</i> Vaccines: <i>Salmonella typhimurium</i> O-antigen-Specific Oligosaccharide-Protein Conjugates Elicit Opsonizing Antibodies that Enhance Phagocytosis." <i>Infection and Immunity</i> . 1981 May; 497-502.	
	349	Check. "Battle of the Mind." <i>Nature</i> . 2002 Mar; 422:370-2.	
	350	Nicoll, et al. "Neuropathology of human Alzheimer's disease after immunization with amyloid- β peptide: a case report." <i>Nature Medicine</i> . 2003 Apr; 9(4):448-52.	
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CS	359	Munch, et al. "Potential neurotoxic inflammatory response to A β vaccination in humans" <i>J. Neural Transm.</i> 2002; 109:1081-7.	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Guriq Basi</i>	Date Considered	12/13/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/010,942	
			Filing Date	December 6, 2001	
			First Named Inventor	Basi, Guriq	
			Art Unit	1647	
			Examiner Name	Christopher J. Nichols	
Sheet	4	of	21	Attorney Docket Number	ELN-002

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CS	360	2003/0073655 A1	04-17-2003	Chain	
	362	2002/0094335 A1	07-18-2002	Chalifour, <i>et al.</i>	
	365	2002/0133001 A1	09-19-2002	Gefter, <i>et al.</i>	
	366	2002/0187157 A1	12-12-2002	Jensen, <i>et al.</i>	
CS	370	2003/0068325 A1	04-10-2003	Wang	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			

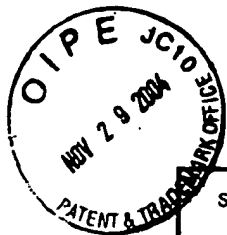
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NON PATENT LITERATURE DOCUMENTS			
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CS	361	Su, <i>et al.</i> "Intravascular infusions of soluble β -amyloid compromise the blood-brain barrier, activate CNS Glial cells and induce peripheral hemorrhage." <i>Brain Research</i> . 1999; 818:105-7.	
	363	Dodart. "Immunotherapy for Alzheimer's disease: will vaccination work?" <i>Trends in Molecular Medicine</i> . 2003; 9(3):85-7.	
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	367	Monsonogo, <i>et al.</i> "Immune hyporesponsiveness to amyloid β -peptide in amyloid precursor protein transgenic mice: Implications for the pathogenesis and treatment of Alzheimer's disease." <i>PNAS</i> . 2001; 98(18):10273-8.	
	368	Sipe. "Amyloidosis." <i>Annu. Rev. Biochem.</i> 1992; 61:947-75.	
CS	369	Spooner, <i>et al.</i> "The generation and characterization of potentially therapeutic A β antibodies in mice: differences according to strain and immunization protocol." <i>Vaccine</i> . 2002; 21:290-7.	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	5	of	21	Attorney Docket Number	ELN-002
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Complete if Known

Application Number	10/010,942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	ELN-002

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		Number-Kind Code ² (if known)			
CS	373	5,721,130	02-24-1998	Seubert, <i>et al.</i>	
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	377	2002/0168377 A1	11-14-2002	Schaetzl	
	378	2002/0197258 A1	12-26-2003	Ghanbari, <i>et al.</i>	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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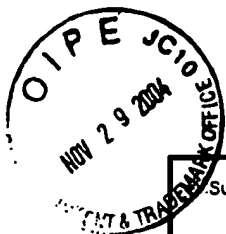
NON PATENT LITERATURE DOCUMENTS

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CS	371	Johnstone, <i>et al.</i> "Nuclear and Cytoplasmic Localization of the β -Amyloid Peptide (1-43) in Transfected 293 Cells." <i>Biochemical and Biophysical Research Communications</i> . 1996; 220:710-18.	
	372	Akiyama, <i>et al.</i> "Occurrence of the Diffuse Amyloid β -Protein (A β) Deposits With Numerous A β -Containing Glial Cells in the Cerebral Cortex of Patients With Alzheimer's Disease." <i>Glia</i> . 1999; 25:324-31.	
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/010,942
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
				Attorney Docket Number	ELN-002
Sheet	6	of	21		

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	382	5,846,533	12-08-1998	Prusiner	

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	383	WO 97/10505 A1	03-20-1997	University of California		

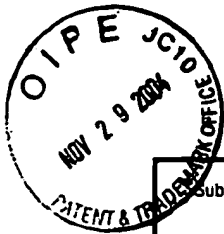
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	384	Sigurdsson, <i>et al.</i> "Immunization Delays the Onset of Prion Disease in Mice." <i>American Journal of Pathology</i> . 2002; 161:13-17.	
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				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	7	of	21	Attorney Docket Number	ELN-002

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ASD	395	2002/0160394 A1	10-31-2002	Wu	
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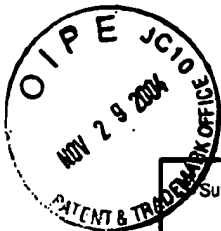
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				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	8	of	21	Attorney Docket Number	ELN-002

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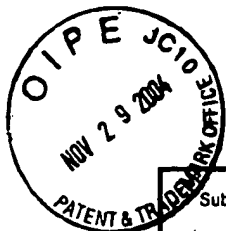
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	406	Pan, et al. "Antibodies to β -Amyloid Decrease the Blood-to-Brain Transfer of β -Amyloid Peptide." <i>Exp. Biol. Med.</i> 2002; 227(8):609-15.	
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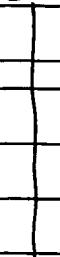


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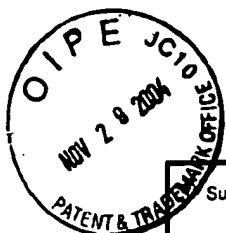
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	431	2003/0165496 A1	09-04-2003	Basi, et al.	
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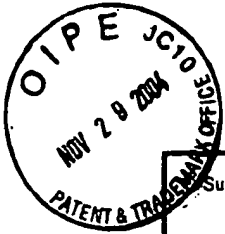
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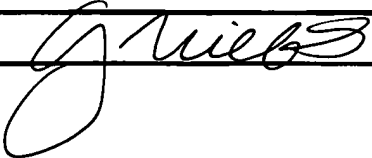
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
CS	441	WO 03/104437 A2	12-18-2003	Northwestern University		
CS	443	WO 03/074081 A1	09-12-2003	Mindset Biopharmaceuticals USA		
CS	447	WO 03/051374 A2	06-26-2003	New York State Office of MENTA		

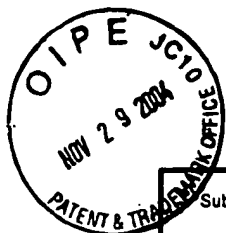
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CSO	436	Dickson, et al. "Neuroimmunology of Alzheimer's disease: a conference report." <i>Neurobiology of Aging</i> . 1992; 13(6):793-8, abstract only.	
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CSO	448	Andrew, et al. <i>Current Protocols in Immunology</i> . 1997; 2.7.1-2.9.8.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/010,942	
			Filing Date	December 6, 2001	
			First Named Inventor	Basi, Guriq	
			Art Unit	1647	
			Examiner Name	Christopher J. Nichols	
Sheet	12	of	21	Attorney Docket Number	ELN-002

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		Number-Kind Code ² (if known)			
350	451	5,766,846	06-16-1998	Schlossmacher, <i>et al.</i>	
350	452	6,218,506 B1	04-17-2001	Krafft, <i>et al.</i>	
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350	450	WO 01/18169 A3	03-15-2001	Ramot University		
	454	WO 98/33815 A1	08-06-1998	Acumen Pharmaceuticals, Inc.		
	455	WO 01/10900 A2	02-15-2001	University of Southern California, <i>et al.</i>		
	456	WO 02/021141 A2	03-14-2002	Aventis Pharma SA, <i>et al.</i>		
	457	WO 02/406237 A1	06-13-2002	Neuralab Ltd., <i>et al.</i>		
	458	WO 02/060481 A1	08-08-2002	Milkhaus Lab, Inc.		

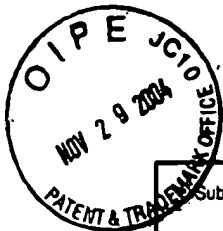
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350 ↓ ✓	449	Johnson-Wood, <i>et al.</i> "Amyloid precursor protein processing and Aβ ₄₂ deposition in a transgenic mouse model of Alzheimer disease." <i>PNAS</i> . 1997; 94:1550-5.		
	459	Levitt. "Molecular dynamics of native protein." <i>J. Mol Biol.</i> 1983; 168:595-620.		
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				First Named Inventor	Basi, Guriq
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				Examiner Name	Christopher J. Nichols
Sheet	13	of	21	Attorney Docket Number	ELN-002

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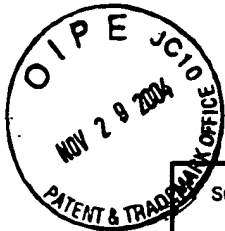
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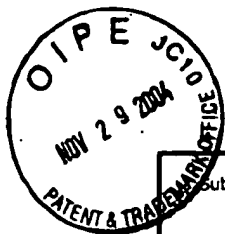
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				Application Number	10/010,942
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
				Attorney Docket Number	ELN-002
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CDW	479	McLean, et al. "Soluble pool of A β amyloid as a determinant of severity of neurodegeneration in Alzheimer's disease." <i>Amer Neurological Assoc.</i> 1999; 46:860-6.			
	480	Wang, et al. "The levels of soluble versus insoluble brain A β distinguish Alzheimer's disease from normal and pathologic aging." <i>Experimental Neurology.</i> 1999; 158:328-37.			
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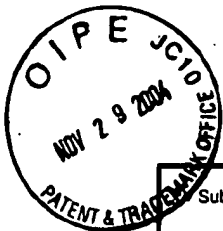
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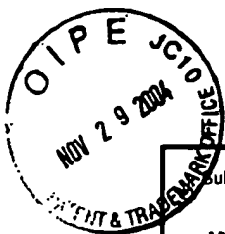
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G	494	Kotilinek, <i>et al.</i> "Reversible memory loss in a mouse transgenic model of Alzheimer's disease." <i>J Neurosci.</i> 2002; 22(15):6331-5.	
	495	Wang, <i>et al.</i> "Soluble oligomers of β amyloid (1-42) inhibit long-term potentiation but not long-term depression in rat dentate gyrus." <i>Brain Research.</i> 2002; 924:133-40.	
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V	500	Tjemberg, <i>et al.</i> "A molecular model for Alzheimer amyloid β -peptide fibril formation." <i>J. Biol. Chem.</i> 1999; 274(18):12619-25.	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	19	of	21	Attorney Docket Number	ELN-002
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Complete if Known

Application Number	10/010,942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	ELN-002

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	510	6,022,859	02-08-2000	Kiessling, <i>et al.</i>	
	511	6,331,440	12-18-2001	Nordstedt, <i>et al.</i>	
	512	5,891,991	04-06-1999	Wasco, <i>et al.</i>	
	513	5,514,548	05-07-1996	Krebber, <i>et al.</i>	
	514	5,470,951	11-28-1995	Roberts	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	517	WO 94/05311 A1	03-17-1994	Deakin Research Ltd.		
	518	WO 95/23166 A1	08-31-1995	Deakin Research Ltd.		
	519	WO 00/26238 A2	05-11-2000	Imperial College Innovations Ltd.		
	520	WO 98/22120 A1	05-28-1998	University of Pennsylvania, <i>et al.</i>		
	521	WO 98/05350 A1	02-12-1998	Milkhaus Lab, Inc.		
	522	WO 00/20027 A2	04-13-2000	M&E Biotech AS		
	523	EP 752886 B1	01-28-1998	Mouritsen & Elsner AS		
	524	WO 95/05393 A2	02-23-1995	Morphosys Proteinoptimierung		
	525	WO 98/02462 A1	01-22-1998	Morphosys Proteinoptimierung		

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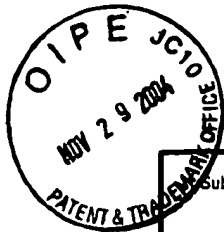
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/010,942
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	20	of	21	Attorney Docket Number	ELN-002

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CSN	526	WO 99/06587 A2	02-11-1999	Morphosys AG		
	527	WO 97/32017 A1	09-04-1997	Morphosys Proteinoptimierung		
	528	WO 97/08320 A1	03-06-1997	Morphosys AG		
	529	WO 00/68263 A2	11-16-2000	Neurochem, Inc.		
	530	WO 98/08868 A1	03-05-1998	Praecis Pharm., Inc.		
	531	WO 95/08999 A1	04-06-1995	City of Hope		
V	532	WO 96/37621 A2	11-28-1996	Morphosys Proteinoptimierung		
CSN	533	AU 707083	07-01-1999	Mouritsen & Elsner AS		

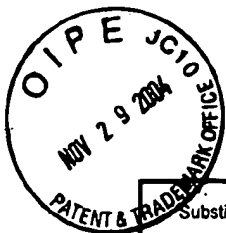
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CSN	534	Hock, et al. "Antibodies against β -Amyloid Slow Cognitive Decline in Alzheimer's Disease." <i>Neuron</i> . 2003; 38:542-54.	
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V	537	Tjernberg, et al. "Controlling amyloid beta-peptide fibril formation with protease-stable ligands." <i>J. Biol Chem.</i> 1997; 272(19):12601-5.	
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				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	21	of	21	Attorney Docket Number	ELN-002

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JP	543	5,278,049	01-11-1994	Baker, et al.	

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JP	539	Findeis, et al. "Modified peptide inhibitors of amyloid B-peptide polymerization." Biochemistry. 1999; 38:6791-6800.				
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12/13/04 JP

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				Art Unit	1647
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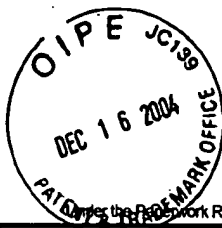
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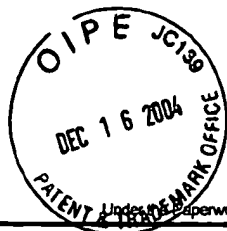
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		Filing Date	December 6, 2001		
		First Named Inventor	Guriq Basi		
		Art Unit	1647		
		Examiner Name	Christopher J. Nichols		
Sheet	2	of	3	Attorney Docket Number	ELN-002

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CS	578	Paganetti, P.A., et al. "Amyloid precursor protein truncated at any of the γ -secretase sites is not cleaved to β -amyloid." <i>J Neurosci Res</i> . 1996 Nov 1; 46(3):283-93.	
	579	Pallitto, M.M., et al. "Recognition sequence design for peptidyl modulators of β -amyloid aggregation and toxicity." <i>Biochemistry</i> . 1999 Mar 23; 38(12):3570-8.	
	580	Pfeifer, M., et al. "Cerebral hemorrhage after passive anti-A β immunotherapy." <i>Science</i> . 2002 Nov 15; 298(5597):1379.	
	581	Schmid, R.E. "Study suggests Alzheimer vaccine fix." <i>www.msnbc.com/news</i> . 2002; 1-5.	
	582	Selkoe, D.J. "Alzheimer's disease is a synaptic failure." <i>Science</i> . 2002 Oct 25; 298(5594):789-91.	
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	586	White, A.R., et al. "Immunotherapy as a therapeutic treatment for neurodegenerative disorders." <i>J Neurochem</i> . 2003 Nov; 87(4):801-8.	
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	589	Sergeant, N., et al. "Truncated beta-amyloid peptide species in pre-clinical Alzheimer's disease as new targets for the vaccination approach." <i>J Neurochem</i> . 2003 Jun; 85(6):1581-91.	
	590	Walsh, D.M., et al. "Naturally secreted oligomers of amyloid β protein potently inhibit hippocampal long-term potentiation in vivo." <i>Nature</i> . 2002 Apr 4; 416(6880):535-9.	
	591	Washington University in St. Louis School of Medicine. "Study Gives Clues to Working of Anti-Alzheimer Antibody." Retrieved from internet www.medicine.wustl.edu/~wumpu/news , December 15, 2004.	
CS	592	"Researchers Develop Blood Test to Diagnose Alzheimer's-Type Changes in Mice." Retrieved from internet www.businesswire.com , December 15, 2004.	

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